



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/694,634
Applicant: Tan *et al.*
Filed: October 27, 2003
TC/A.AU.: 1633
Examiner: Ileana Popa

Confirmation No.: 2636

Docket No.: 12062.105020 (RSK020)
Customer No.: 20786
Title: Methods and compounds for disruption of CD40R/CD40L signaling in the treatment of Alzheimer's disease

Mail Stop Amendment
Commissioner for Patents
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Respectfully submitted,

F. Russell Denton, Ph.D., Esq.
Reg. No. 51,611

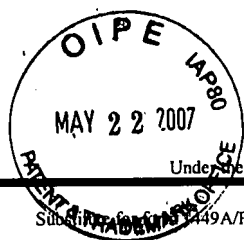
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Submittal Form PTO/A49A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** of **11****Complete if Known**

Application Number	10/694,634
Filing Date	October 27, 2003
First Named Inventor	Tan <i>et al.</i>
Group Art Unit	1633
Examiner Name	Ileana Popa
Attorney Docket Number	12062.105020 (RSK020)

4565673 1.DOC1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear
		Number	Kind Code (if known)			
	AA	3,791,932	A	Schuurs <i>et al.</i>	02-12-1974	
	AB	3,839,153	A	Schuurs <i>et al.</i>	10-01-1974	
	AC	3,850,578	A	McConnell	11-26-1974	
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	AJ	3,984,533	A	Uzgiris	10-05-1976	
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	AM	4,098,876	A	Piasio <i>et al.</i>	07-04-1978	
	AN	4,439,196	A	Higuchi	03-27-1984	
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	AS	4,487,603	A	Harris	12-11-1984	
	AT	4,666,828	A	Gusella	05-19-1987	
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	AAB	5,011,771	A	Bellet <i>et al.</i>	04-30-1991	
	AAC	5,167,616	A	Haak <i>et al.</i>	12-01-1992	
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	AAF	5,175,384	A	Krimpenfort <i>et al.</i>	12-29-1992	

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				Examiner Name	Ileana Popa
Sheet	2		11	Attorney Docket Number	12062.105020 (RSK020)

4565673_1.DOC_1

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	BA	5,175,385	A	Wagner <i>et al.</i>	12-29-1992	
	BB	5,192,659	A	Simons	03-09-1993	
	BC	5,221,778	A	Byrne <i>et al.</i>	06-22-1993	
	BD	5,225,182	A	Sharma	07-06-1993	
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	BH	5,298,422	A	Schwartz <i>et al.</i>	03-29-1994	
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	BJ	5,360,735	A	Weinshank <i>et al.</i>	11-01-1994	
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	BL	5,434,050	A	Maggio <i>et al.</i>	07-18-1995	
	BM	5,464,764	A	Capecchi <i>et al.</i>	11-07-1995	
	BN	5,487,992	A	Capecchi <i>et al.</i>	01-30-1996	
	BO	5,593,874	A	Brown <i>et al.</i>	01-14-1997	
	BP	5,698,425	A	Ligon <i>et al.</i>	12-16-1997	
	BQ	5,712,135	A	D'Halluin <i>et al.</i>	01-27-1998	
	BR	5,789,214	A	Ryals <i>et al.</i>	08-04-1998	
	BS	5,804,693	A	Gaffney <i>et al.</i>	09-08-1998	
	BT	5,833,987	A	Noelle <i>et al.</i>	11-10-1998	
	BU	5,962,406	A	Armitage <i>et al.</i>	10-05-1999	
	BV	6,194,150	B1	Stinchcomb <i>et al.</i>	02-27-2001	
	BW	6,197,584	B1	Bennett <i>et al.</i>	03-06-2001	
	BX	6,264,951	B1	Armitage <i>et al.</i>	07-24-2001	
	BY	6,328,964	B1	Noelle <i>et al.</i>	12-11-2001	
	BZ	2003-0077667	A1	Tan <i>et al.</i>	04-24-2003	
	BAA	2004-0146949	A1	Tan <i>et al.</i>	07-29-2004	
	BAB	2005-0089939	A1	Tan <i>et al.</i>	04-28-2005	

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		Office ³	Number	Kind Code ² (if known)				
	CA	WO	93/14200	A1	TSI Corporation	07-22-1993		
	CB	WO	94/06908	A1	Regents of Univ. California	03-31-1994		
	CC	WO	94/23049	A2	Johns Hopkins University	10-13-1994		
	CD	WO	94/28123	A1	Ontario Cancer Institute	12-08-1994		
	CE	WO	97/32016	A1	Ohio State Research Foundation	09-04-1997		
	CF	WO	00/23590	A2	Georgetown Univ. Med. Center	04-27-2000		
	CG	WO	01/96397	A2	Biogen Inc.	12-20-2001		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
	CH	AUGUST, J., <i>et al.</i> , Eds., <u>Gene Therapy</u> (Advances in Pharmacology, Vol. 40) (Academic Press, San Diego, Calif., 1997, ISSN 1054-3589), <i>table of contents</i> .		
	CI	ARCH, R.H., <i>et al.</i> , "Tumor necrosis factor receptor-associated factors (TRAFs)--a family of adapter proteins that regulates life and death," <i>Genes Dev.</i> , 12(18):2821-2830 (September 15, 1998).		
	CJ	AUSUBEL, F.M., <i>et al.</i> , Eds., <u>Current Protocols in Molecular Biology</u> (John Wiley and Sons, Baltimore, Maryland, 1989), <i>table of contents</i> .		
	CK	BACSKAI, B.J., <i>et al.</i> , "Imaging of amyloid-beta deposits in brains of living mice permits direct observation of clearance of plaques with immunotherapy," <i>Nature Med.</i> , 7(3):369-372 (March 2001).		
	CL	BALL, M.J., <i>et al.</i> , "A new definition of Alzheimer's disease: a hippocampal dementia," <i>Lancet</i> , 1(8419):14-16 (January 5, 1985).		
	CM	BARD, F., <i>et al.</i> , "Peripherally administered antibodies against amyloid beta-peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Med.</i> , 6(8):916-919 (August 2000).		
	CN	BARGER, S.W., and HARMON, A.D., "Microglial activation by Alzheimer amyloid precursor protein and modulation by apolipoprotein E," <i>Nature</i> , 388(6645):878-881 (August 28, 1997).		
	CO	BIRREN <i>et al</i> (eds), <u>Genome Analysis: A Laboratory Manual Series, Vols. 1-4</u> (Cold Spring Harbor Laboratory Press, New York, 1998), <i>table of contents</i> .		
	CP	BLOCK, M.L., and HONG, J.S., "Microglia and inflammation-mediated neurodegeneration: multiple triggers with a common mechanism," <i>Prog. Neurobiol.</i> , 76(2):77-98 (June 2005).		
	CQ	BORREBAECK, C.A.K., Ed., <u>Antibody Engineering--A Practical Guide</u> (W.H. Freeman and Co., 1992), <i>table of contents</i> .		

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	DA	BURKE, D.T., and OLSON, M.V., "Preparation of clone libraries in yeast artificial-chromosome vectors," Chap. 17 in <u>Methods in Enzymology</u> , Vol. 194: Guide to Yeast Genetics and Molecular Biology, (Academic Press) pp. 251-270 (1991).		
	DB	CALINGASAN, N.Y., <i>et al.</i> , "Identification of CD40 ligand in Alzheimer's disease and in animal models of Alzheimer's disease and brain injury," <i>Neurobiol. Aging</i> , 23(1):31-39 (January-February 2002).		
	DC	CAPECCHI, M.R., "Altering the genome by homologous recombination," <i>Science</i> , 244(4910):1288-1292 (June 16, 1989).		
	DD	CARSON, M.J., <i>et al.</i> , "Mature microglia resemble immature antigen-presenting cells," <i>Glia</i> , 22(1):72-85 (January 1998).		
	DE	CASTILLO, G.M., <i>et al.</i> , "Perlecan binds to the beta-amyloid proteins (A beta) of Alzheimer's disease, accelerates A beta fibril formation, and maintains A beta fibril stability," <i>J. Neurochem.</i> 69(6):2452-2465 (December 1997).		
	DF	CHANG <i>et al.</i> , <u>Somatic Gene Therapy</u> , CRC Press, Ann Arbor, MI (1995), <i>table of contents</i> .		
	DG	COMBS, C.K., <i>et al.</i> , "Identification of microglial signal transduction pathways mediating a neurotoxic response to amyloidogenic fragments of beta-amyloid and prion proteins," <i>J. Neurosci.</i> , 19(3):928-939 (February 1, 1999).		
	DH	DAVIES, N.P., <i>et al.</i> , "Targeted alterations in yeast artificial chromosomes for inter-species gene transfer," <i>Nucleic Acids Res.</i> , 20(11):2693-2698 (June 11, 1992).		
	DI	DeMATTOS, R.B., <i>et al.</i> , "Brain to plasma amyloid- β efflux: a measure of brain amyloid burden in a mouse model of Alzheimer's disease," <i>Science</i> , 295(5563):2264-2267 (March 22, 2002).		
	DJ	DeMATTOS, R.B., <i>et al.</i> , "Peripheral anti-A beta antibody alters CNS and plasma A β clearance and decreases brain A β burden in a mouse model of Alzheimer's disease," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 98(15):8850-8855 (July 17, 2001) (Electronic publication July 3, 2001).		
	DK	DENFELD, R.W., <i>et al.</i> , "CD40 is functionally expressed on human keratinocytes," <i>Eur. J. Immunol.</i> , 26(10):2329-2334 (October 1996).		
	DL	DICKINSON, P., <i>et al.</i> , "High frequency gene targeting using insertional vectors," <i>Hum. Mol. Genet.</i> , 2(8):1299-1302 (August 1993).		
	DM	DING, S.W., "RNA silencing," <i>Curr. Opin. Biotechnol.</i> , 11(2):152-156 (April 2000).		
	DN	DUFF, K., and LINCOLN, S., "Insertion of a pathogenic mutation into a yeast artificial chromosome containing the human APP gen and expression in ES cells," Chap. 80 in <u>Research Advances in Alzheimer's Disease and Related Disorders</u> , Iqbal, K., <i>et al.</i> , (Eds.) (John Wiley & Sons, 1995).		
	DO	ELLIS, R. J., <i>et al.</i> , "Cerebral amyloid angiopathy in the brains of patients with Alzheimer's disease: the CERAD experience, Part XV," <i>Neurology</i> , 46(6):1592-1596 (June 1996).		
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	EA	FOY, T.M., <i>et al.</i> , "Immune regulation by CD40 and its ligand GP39," <i>Annu. Rev. Immunol.</i> , 14:591-617 (1996).	
	EB	FRACKOWIAK, J., <i>et al.</i> , "Ultrastructure of the microglia that phagocytose amyloid and the microglia that produce beta-amyloid fibrils," <i>Acta Neuropathol. (Berl.)</i> , 84(3):225-233 (1992).	
	EC	GENIS, I., <i>et al.</i> , "Site-specific dephosphorylation of tau of apolipoprotein E-deficient and control mice by M1 muscarinic agonist treatment," <i>J. Neurochem.</i> , 72(1):206-213 (January 1999).	
	ED	GILBOA, E., <i>et al.</i> , "Transfer and expression of cloned genes using retroviral vectors," <i>BioTechniques</i> , 4(6):504-512 (1986).	
	EE	GREWAL, T.S., <i>et al.</i> , "Requirement for CD40 ligand in costimulation induction, T cell activation, and experimental allergic encephalomyelitis," <i>Science</i> , 273(5283):1864-1867 (September 27, 1996).	
	EF	GRIBSKOV, M., and DEVEREAUX, G., <i>Sequence Analysis Primer</i> , (Stockton Press, 1991) table of contents.	
	EG	HAMILTON, A.J., and BAULCOMBE, D.C., "A species of small antisense RNA in posttranscriptional gene silencing in plants," <i>Science</i> , 286(5441):950-952 (October 29, 1999).	
	EH	HARLOW, E., and LANE, D., Chapter 5, "Immunizations," in <i>Antibodies: A Laboratory Manual</i> (Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 1988), pp. 53-59.	
	EI	HARRIS-WHITE, M.E., <i>et al.</i> , "Effects of transforming growth factor- β (isoforms 1-3) on amyloid- β deposition, inflammation, and cell targeting in organotypic hippocampal slice cultures," <i>J. Neurosci.</i> , 18(24):10366-10374. (December 15, 1998).	
	EJ	HENN, V., <i>et al.</i> , "CD40 ligand on activated platelets triggers an inflammatory reaction of endothelial cells," <i>Nature</i> , 391(6667):591-594 (February 5, 1998).	
	EK	HIGGINS, L.S., <i>et al.</i> , "Early Alzheimer disease-like histopathology increases in frequency with age in mice transgenic for beta-APP751," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 92(10):4402-4406 (May 9, 1995).	
	EL	HOLCOMB, L., <i>et al.</i> , "Accelerated Alzheimer-type phenotype in transgenic mice carrying both mutant amyloid precursor protein and presenilin 1 transgenes," <i>Nature Med.</i> , 4(1):97-100 (January 1998).	
	EM	HOLLENBAUGH, D., <i>et al.</i> , "Expression of functional CD40 by vascular endothelial cells" <i>J. Exp. Med.</i> , 182(1):33-40 (July 1, 1995).	
	EN	HSIAO, K., <i>et al.</i> , "Correlative memory deficits, Abeta elevation, and amyloid plaques in transgenic mice," <i>Science</i> , 274(5284):99-102 (October 4, 1996).	
	EO	HSIAO, K., <i>et al.</i> , "Age-related CNS disorder and early death in transgenic FVB/N mice overexpressing Alzheimer amyloid precursor proteins," <i>Neuron</i> , 15(5):1203-1218 (November 1995).	
	EP	HUBERMAN, M., <i>et al.</i> , "Correlation of cytokine secretion by mononuclear cells of Alzheimer patients and their disease stage," <i>J. Neuroimmunol.</i> , 52(2):147-152 (July 1994).	

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			Examiner Name	Ileana Popa
			Attorney Docket Number	12062.105020 (RSK020)
Sheet	6		11	

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	FA	HUNTER, C.P., "Genetics: a touch of elegance with RNAi," <i>Curr. Biol.</i> , 9(12):R440-R442 (June 17, 1999).	
	FB	HUSTON, J.S., <i>et al.</i> , "Protein engineering of single-chain Fv analogs and fusion proteins," <i>Methods Enzymol.</i> , 203:46-88 (1991).	
	FC	HUXLEY, C., <i>et al.</i> , "The human HPRT gene on a yeast artificial chromosome is functional when transferred to mouse cells by cell fusion," <i>Genomics</i> , 9(4):742-50 (April 1991).	
	FD	INNIS, M.A., <i>et al.</i> , Eds., <i>PCR Protocols: A Guide To Methods And Applications</i> , Academic Press, San Diego, CA (1990) <i>table of contents</i> .	
	FE	IRIZARRY, M.C., <i>et al.</i> , "APPSw transgenic mice develop age-related A beta deposits and neuropil abnormalities, but no neuronal loss in CA1," <i>J. Neuropathol. Exp. Neurol.</i> , 56(9):965-973 (September 1997).	
	FF	IWATSUBO, T., <i>et al.</i> , "Visualization of Aβ42(43) and Aβ40 in senile plaques with end-specific Ab monoclonals: evidence that an initially deposited species is Aβ42(43)<" <i>Neuron</i> , 13(1):45-53 (July 1994).	
	FG	JAKOBOVITS, A., <i>et al.</i> , "Germ-line transmission and expression of a human-derived yeast artificial chromosome," <i>Nature</i> , 362(6417):255-255 (March 18, 1993).	
	FH	JAMES, N.D., <i>et al.</i> , "Neurodegenerative changes including altered tau phosphorylation and neurofilament immunoreactivity in mice transgenic for the serine/threonine kinase Mos," <i>Neurobiol. Aging</i> , 17(2), 235-241 (March-April 1996).	
	FI	JANUS, C., <i>et al.</i> , "Aβ peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease," <i>Nature</i> , 408(6815):979-982 (December 21-28, 2000).	
	FJ	JARRETT, J.T., <i>et al.</i> , "Seeding "one-dimensional crystallization" of amyloid: a pathogenic mechanism in Alzheimer's disease and scrapie?" <i>Cell</i> , 73(6):1055-1058 (June 18, 1993).	
	FK	JARRETT, J.T., <i>et al.</i> , "The carboxy terminus of the β amyloid protein is critical for the seeding of amyloid formation: implications for the pathogenesis of Alzheimer's disease," <i>Biochemistry</i> , 32(18):4693-4697 (May 11, 1993).	
	FL	JOHNSON, S., and BIRD, R.E., "Construction of single-chain Fv derivatives monoclonal antibodies and their production in <i>Escherichia coli</i> ," <i>Meth. Enzymol.</i> , 203:88-98 (1991).	
	FM	JOHNSON-WOOD, K., <i>et al.</i> , "Amyloid precursor protein processing and A beta42 deposition in a transgenic mouse model of Alzheimer disease," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 94(4):1550-1555 (February 18, 1997).	
	FN	JOHNSTONE, A., and THORPE, R., <i>Immunochemistry in Practice</i> , 2 nd Ed. (Blackwell Scientific Publications, Boston, 1982), <i>table of contents</i> .	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/694,634
			Filing Date	October 27, 2003
			First Named Inventor	Tan <i>et al.</i>
			Group Art Unit	1633
			Examiner Name	Ileana Popa
			Attorney Docket Number	12062.105020 (RSK020)
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	GA	KALARIA, R.N., "Microglia and Alzheimer's disease," <i>Curr. Opin. Hematol.</i> , 6(1):15-24 (January 1999).		
	GB	KARMANN, K., <i>et al.</i> , "CD40 on human endothelial cells: inducibility by cytokines and functional regulation of adhesion molecule expression," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 92(10), 4342-4346 (May 9, 1995).		
	GC	KLEGERIS, A., <i>et al.</i> , "Interaction of Alzheimer beta-amyloid peptide with the human monocytic cell line THP-1 results in a protein kinase C-dependent secretion of tumor necrosis factor-alpha," <i>Brain Res.</i> , 747(1):114-121 (January 30, 1997).		
	GD	LAMB, B.T., <i>et al.</i> , "Introduction and expression of the 400 kilobase amyloid precursor protein gene in transgenic mice [corrected]," <i>Nat. Genet.</i> , 5(1):22-30 (September 1993).		
	GE	LAWRENCE, C.W., "Classical Mutagenesis Techniques," Chapter 17 in <i>Methods in Enzymology, Vol. 194: Guide to Yeast Genetics and Molecular Biology</i> , (Academic Press) pp. 273-281 (1991).		
	GF	LI, Q.X. <i>et al.</i> , "Membrane-associated forms of the beta A4 amyloid protein precursor of Alzheimer's disease in human platelet and brain: surface expression on the activated human platelet," <i>Blood</i> , 84(1):133-142 (July 1, 1994).		
	GG	LIM, G.P., <i>et al.</i> , "Ibuprofen suppresses plaque pathology and inflammation in a mouse model for Alzheimer's Disease," <i>J. Neurosci.</i> , 20(15):5709-5714 (August 1, 2000).		
	GH	LUO, Y., <i>et al.</i> , "Mice deficient in BACE1, the Alzheimer's beta-secretase, have normal phenotype and abolished beta-amyloid generation," <i>Nat. Neurosci.</i> , 4(3):231-232 (March 2001).		
	GI	LUTGENS, E., <i>et al.</i> , "Requirement for CD154 in the progression of atherosclerosis," <i>Nature Med.</i> , 5(11):1313-1316 (November 1999).		
	GJ	MACH, F., <i>et al.</i> , "Functional CD40 ligand is expressed on human vascular endothelial cells, smooth muscle cells, and macrophages: implications for CD40-CD40 ligand signaling in atherosclerosis," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 94(5):1931-1936 (March 4, 1997).		
	GK	MacKENZIE, I.R., and MUNOZ, D.G., <i>et al.</i> , "Nonsteroidal anti-inflammatory drug use and Alzheimer-type pathology in aging," <i>Neurology</i> , 50(4):986-990 (April 1998).		
	GL	MARSHAK, D.R., <i>et al.</i> , <i>Strategies for Protein Purification and Characterization. A laboratory course manual</i> , CSHL Press, 1996, <i>table of contents</i> .		
	GM	McGEER, E.G., and McGEER, P.L., "The importance of inflammatory mechanisms in Alzheimer disease," <i>Exper. Gerontol.</i> , 33(5):371-378 (August 1998).		
	GN	McGEER, P.L., and McGEER, E.G., "Inflammation of the brain in Alzheimer's disease: implications for therapy," <i>J. Leukocyte Biol.</i> , 65(4):409-415 (April 1999).		
	GO	MEDA L., <i>et al.</i> , "Proinflammatory profile of cytokine production by human monocytes and murine microglia stimulated with beta-amyloid[25-35]," <i>J. Neuroimmunol.</i> , 93(1-2):45-52 (January 1, 1999).		
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			Filing Date	October 27, 2003	
			First Named Inventor	Tan <i>et al.</i>	
			Group Art Unit	1633	
			Examiner Name	Ileana Popa	
Attorney Docket Number	12062.105020 (RSK020)				
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	HA	MEDA, L., <i>et al.</i> , "Activation of microglial cells by beta-amyloid and interferon-gamma," <i>Nature</i> , 374(6523): 647-650 (April 13, 1995).		
	HB	MERNAUGH, R., and MERNAUGH, G., "An overview of phage-displayed recombinant antibodies," Chap. 25 in <i>Molecular Methods in Plant Pathology</i> , Singh, R.P., and Sing, U.S., Eds. (CRC Press, Boca Raton, Fla., 1995), ISSN 0-87371-877-1), pp. 359-365.		
	HC	MISHELL and SHIIGI (eds), <i>Selected Methods in Cellular Immunology</i> , W.H. Freeman and Co., New York (1980) table of contents.		
	HD	MORGAN, D., <i>et al.</i> , "A β peptide vaccination prevents memory loss in an animal model of Alzheimer's disease," <i>Nature</i> , 408(6815):982-985 (December 21-28, 2000).		
	HE	NGUYEN, V.T., <i>et al.</i> , "Post-transcriptional inhibition of CD40 gene expression in microglia by transforming growth factor- β ," <i>Eur. J. Immunol.</i> , 28(8):2537-2548, (August 1998).		
	HF	NI, C.Z., <i>et al.</i> , "Molecular basis for CD40 signaling mediated by TRAF3," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 97(19):10395-10399 (September 12, 2000).		
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	HH	OLEANA, V.H., <i>et al.</i> , "Increased expression of the TIAR protein in the hippocampus of Alzheimer patients," <i>Neuroreport</i> , 9(7):1451-1454 (May 11, 1998).		
	HI	OPPENHEIM, J.J., <i>et al.</i> , "Cytokines," Chap. 9 in <i>Basic and Clinical Immunology (8th Edition)</i> , Stites, D.P., Terr, A.I., and Parslow, T.G., Eds., Appleton & Lange, Norwalk, Conn., 1994), pp. 105-123.		
	HJ	PEARSON, B.E., and CHOI, T.K., "Expression of the human beta-amyloid precursor protein gene from a yeast artificial chromosome in transgenic mice," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 90(22):10578-10582 (November 15, 1993).		
	HK	PERBAL, <i>A Practical Guide to Molecular Cloning</i> , John Wiley & Sons, New York (1988), table of contents.		
	HL	PIGUET, P.F., <i>et al.</i> , "Role of CD40-CVD40L in mouse severe malaria," <i>Amer. J. Pathol.</i> , 159(2):733-742 (August 2001).		
	HM	PULLEN, S.S., <i>et al.</i> , "CD40-tumor necrosis factor receptor-associated factor (TRAF) interactions: regulation of CD40 signaling through multiple TRAF binding sites and TRAF hetero-oligomerization," <i>Biochemistry</i> , 37(34):11836-11845 (August 25, 1998).		
	HN	RAM, Z., CULVER, K.W., <i>et al.</i> , "Therapy of malignant brain tumors by intratumoral implantation of retroviral vector-producing cells," <i>Nat. Med.</i> , 3(12):1354-1361 (December 1997).		
	HO	RODRIGUEZ, R.L., and DENHARDT, D.T., Eds., "Vectors: A Survey of Molecular Cloning Vectors and Their Uses," <i>Biotechnology</i> , 10:1-578 (1988), table of contents.		

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	IA	ROGERS, J., <i>et al.</i> , "Expression of immune system-associated antigens by cells of the human central nervous system: relationship to the pathology of Alzheimer's disease," <i>Neurobiol. Aging</i> , 9(4):339-349 (July-August 1988).	
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	ID	ROTHSTEIN, R., "Targeting, disruption, replacement, and allele rescue: integrative DNA transformation in yeast," Chap. 19 in <i>Methods in Enzymology</i> , Vol. 194: Guide to Yeast Genetics and Molecular Biology, (Academic Press) pp. 281-301 (1991).	
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	IL	SCHÖNBECK, U., <i>et al.</i> , "Inhibition of CD40 signaling limits evolution of established atherosclerosis in mice," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , 97(13):7458-7463 (June 20, 2000).	
	IM	SCHÖNBECK, U., <i>et al.</i> , "Ligation of CD40 activates interleukin 1 β -converting enzyme (caspase-1) activity in vascular smooth muscle and endothelial cells and promotes elaboration of active interleukin 1 β ," <i>J. Biol. Chem.</i> , 272(31):19569-19574 (August 1, 1997).	
	IN	SCHÖNBECK, U., <i>et al.</i> , "The CD40/CD154 receptor/ligand dyad," <i>Cell Mol. Life Sci.</i> , 58(1):4-43 (January 2001).	

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			Filing Date	October 27, 2003
			First Named Inventor	Tan et al.
			Group Art Unit	1633
			Examiner Name	Ileana Popa
			Attorney Docket Number	12062.105020 (RSK020)
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	JA	SEMPOWSKI, G.D., et al., "CD40 is a functional activation antigen and B7-independent T cell costimulatory molecule on normal human lung fibroblasts," <i>J. Immunol.</i> , 158(10): 4670-4677 (May 15, 1997).		
	JB	SEUBERT, P., et al., "Isolation and quantification of soluble Alzheimer's β -peptide from biological fluids," <i>Nature</i> , 359(6393):325-327 (September 24, 1992).		
	JC	SIKORSKI, R.S., and BOEKE, J.D., "In vitro mutagenesis and plasmid shuffling: from cloned gene to mutant yeast," Chap. 20 in <i>Methods in Enzymology</i> , Vol. 194: Guide to Yeast Genetics and Molecular Biology, (Academic Press) pp. 302-318.		
	JD	STEWART, W.F., et al., "Risk of Alzheimer's disease and duration of NSAID use," <i>Neurology</i> , 48(3):626-632 (March 1997).		
	JE	STOUT, R.D., and SUTTLES, J., "The many roles of CD40 in cell-mediated inflammatory responses," <i>Immunology Today</i> , 17(10):487-492 (October 1996).		
	JF	STRAUSS, W.M., et al., "Germ line transmission of a yeast artificial chromosome spanning the murine alpha 1(I) collagen locus," <i>Science</i> , 259(5103):1904-1907 (March 26, 1993).		
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	JK	TAN, J., "CD40 is expressed and functional on neuronal cells," <i>EMBO J.</i> , 21(4):643-652 (February 15, 2002).		
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	JM	TAN, J., et al., "Microglial activation resulting from CD40R-CD40L interaction after β -Amyloid stimulation," <i>Science</i> , 286(5448):2352-2355 (December 17, 1999).		
	JN	TESTONI, N., et al., "A new method of "in-cell reverse transcriptase-polymerase chain reaction" for the detection of BCR/ABL transcript in chronic myeloid leukemia patients," <i>Blood</i> , 87(9):3822-3827 (May 1, 1996).		
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	KA	THINAKARAN, G., <i>et al.</i> , "Metabolism of the "Swedish" amyloid precursor protein variant in neuro2a (N2a) cells. Evidence that cleavage at the "beta-secretase" site occurs in the golgi apparatus," <i>J. Biol. Chem.</i> , 271(16):9390-9397 (April 19, 1996).	
	KB	TOGO, T., <i>et al.</i> , "Expression of CD40 in the brain of Alzheimer's disease and other neurological diseases," <i>Brain Res.</i> , 885(1):117-121 (December 1, 2000).	
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Examiner Signature		Date Considered	
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